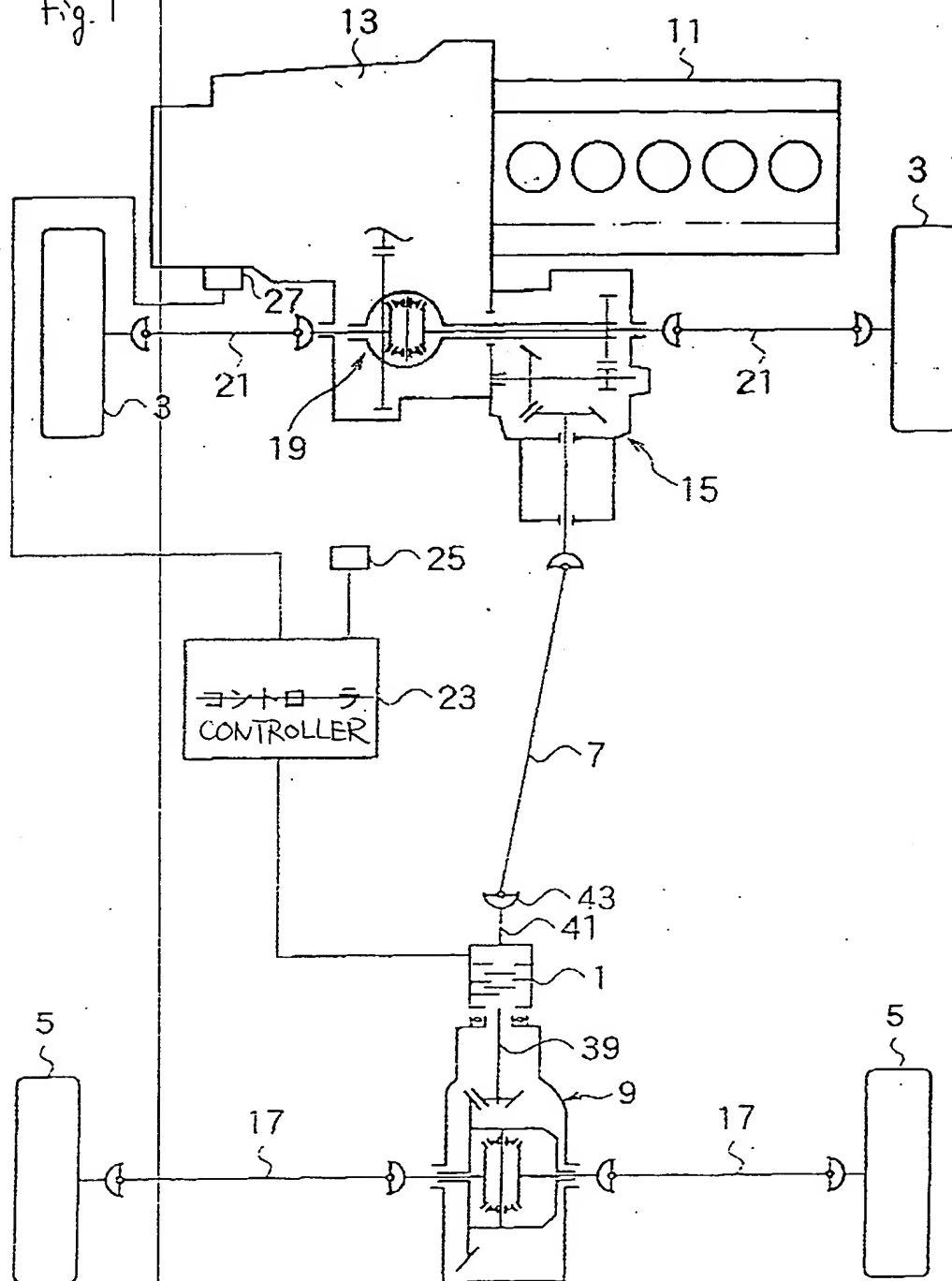


【書類名】

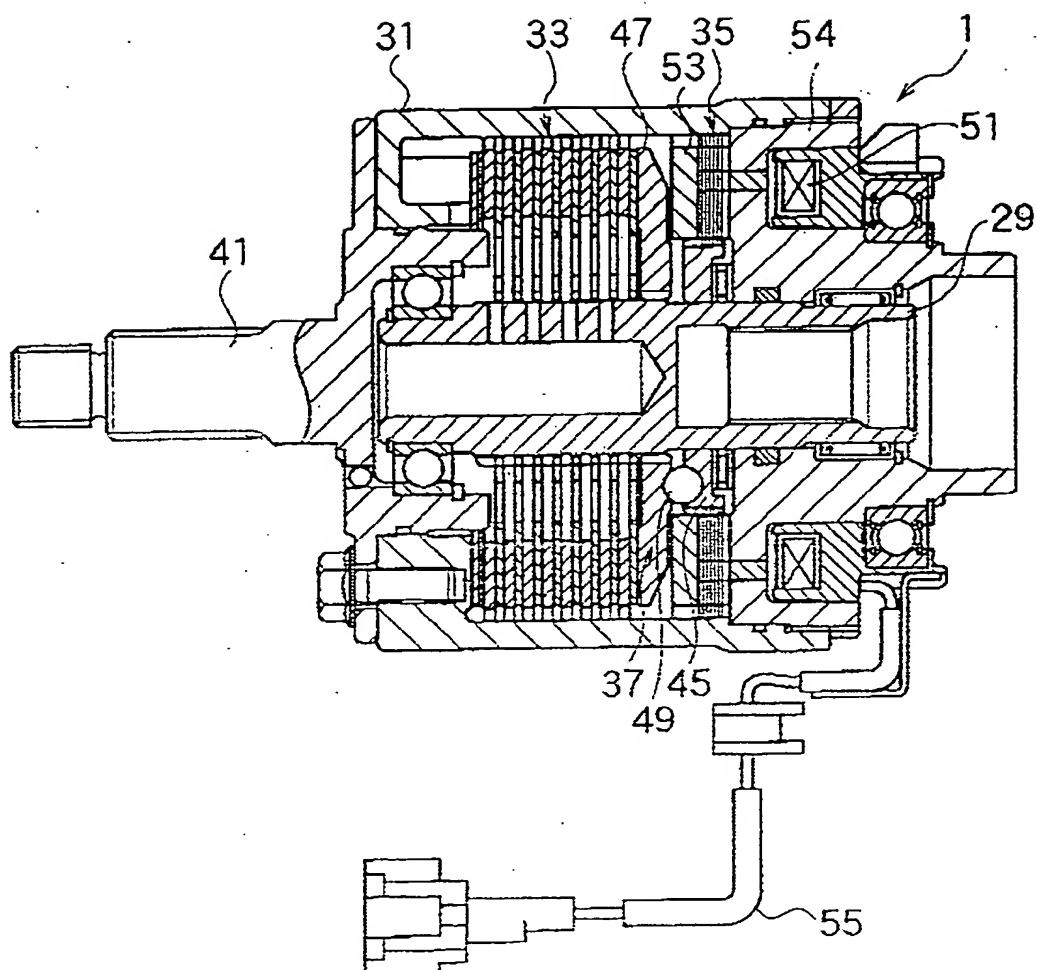
図面

〔図1〕

Fig. 1



~~Fig. 2~~ Fig. 2

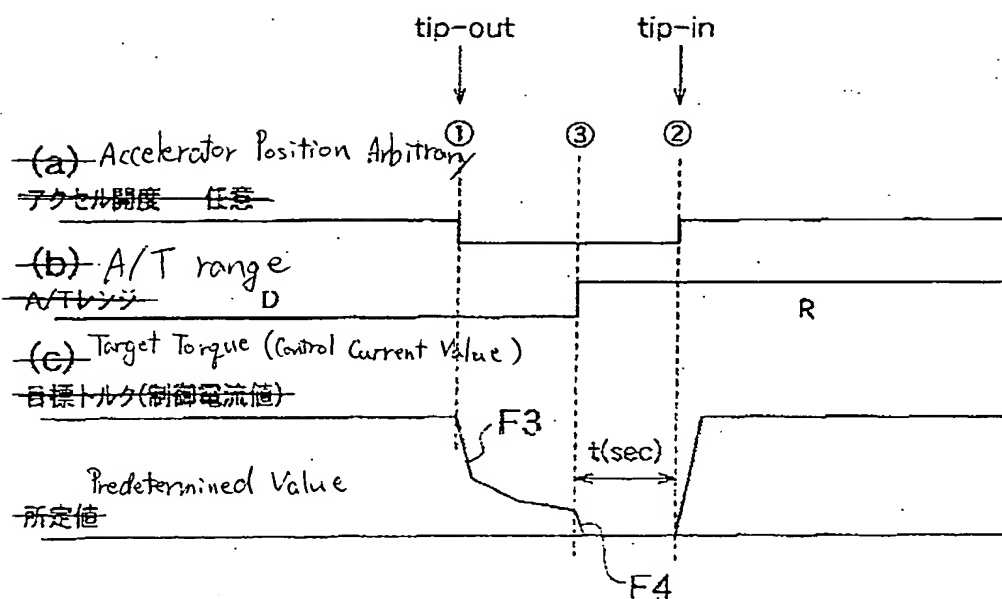


—(図3)—

Fig. 3A

Fig. 3B

Fig. 3C

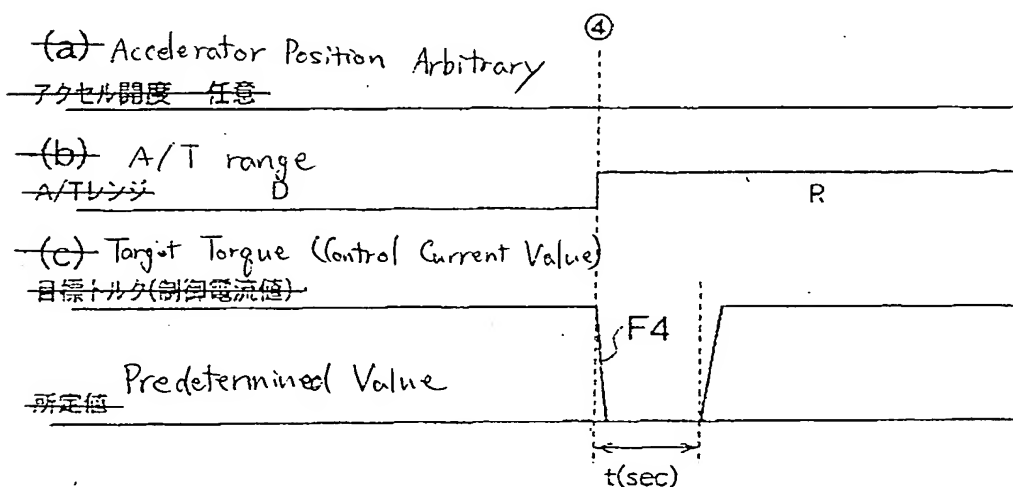


—(図4)—

Fig. 4A

Fig. 4B

Fig. 4C



【図5】

A/Tレンジ認識に使用する信号 Signals used for ascertaining A/T range

Fig. 5A (a)

レンジ range
P
R
N
D(1st~X)

Perception of direction of A/T range

A/Tレンジ方向認識

Range (this time)

Fig. 5B (b)

レンジ(今回)	A/Tレンジ方向(今回)	Direction of A/T range (This time)
P	保持(前回レンジ方向)	Retained (Direction of Previous Range)
R	0	
N	保持(前回レンジ方向)	Retained (Direction of Previous Range)
D	1	

Direction of Previous

A/T Range XOR Direction of AT

Range Obtained This Time

(c)

Fig. 5C

Perception of Inversion of A/T range

A/Tレンジ反転認識

前回A/Tレンジ方向xor今回A/Tレンジ方向	A/Tレンジ反転	Inversion of A/T range
0	反転無し	Non-Inverted
1	反転有り	Inverted

*xor: 排他的論理和

XOR: Exclusive or Result

【図6】 Fig. 6

A/Tレンジ反転判定時の動作設定 Operation Setting made at the Time of Determination of A/T range

Determination of Inversion of Range

T (Employed in the form of a constant)

レンジ反転判定	Target Torque 目標トルク	目標トルク 保持時間	目標トルク 減少制限
Inverted 反転有り	T(定数化)	t(定数化)	減少方法B (線分F4)
Non-Inverted 反転無し	Conventional 従来値 Value	0(保持無し)	減少方法A (線分F3)

0 (No Retention)

Target Torque Retention Time

Limitation on Reduction of Target Torque

T (Employed in the form of a constant)
Reduction Method B (Line segment F4)

Reduction Method A
(Line segment F3)

図7

Fig. 7A (a)

Limitation on Reduction of Target Torque

目標トルク減少制限

目標トルク Target Torque	目標トルク減少制限
$T2 < \text{目標トルク}$	L3
$T1 < \text{目標トルク} \leq T2$	L2
$\text{目標トルク} \leq T1$	L1

Limitation on Reduction of Target Torque

$T2 < \text{Target Torque}$

$T1 < \text{Target Torque} \leq T2$

$\text{Target Torque} \leq T1$

Fig. 7B (b)

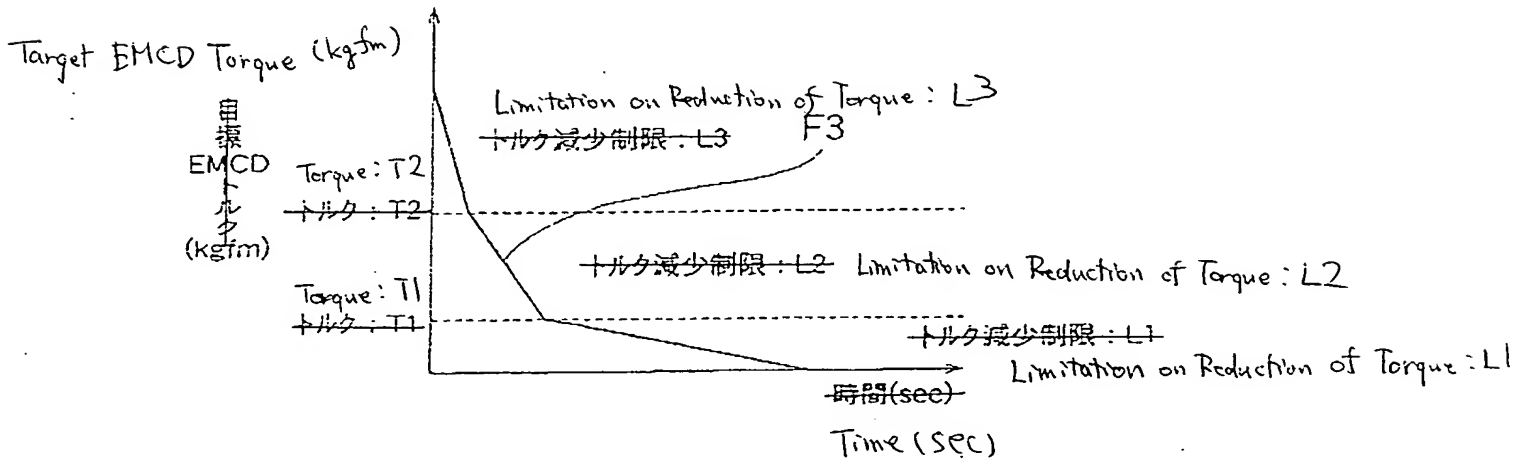
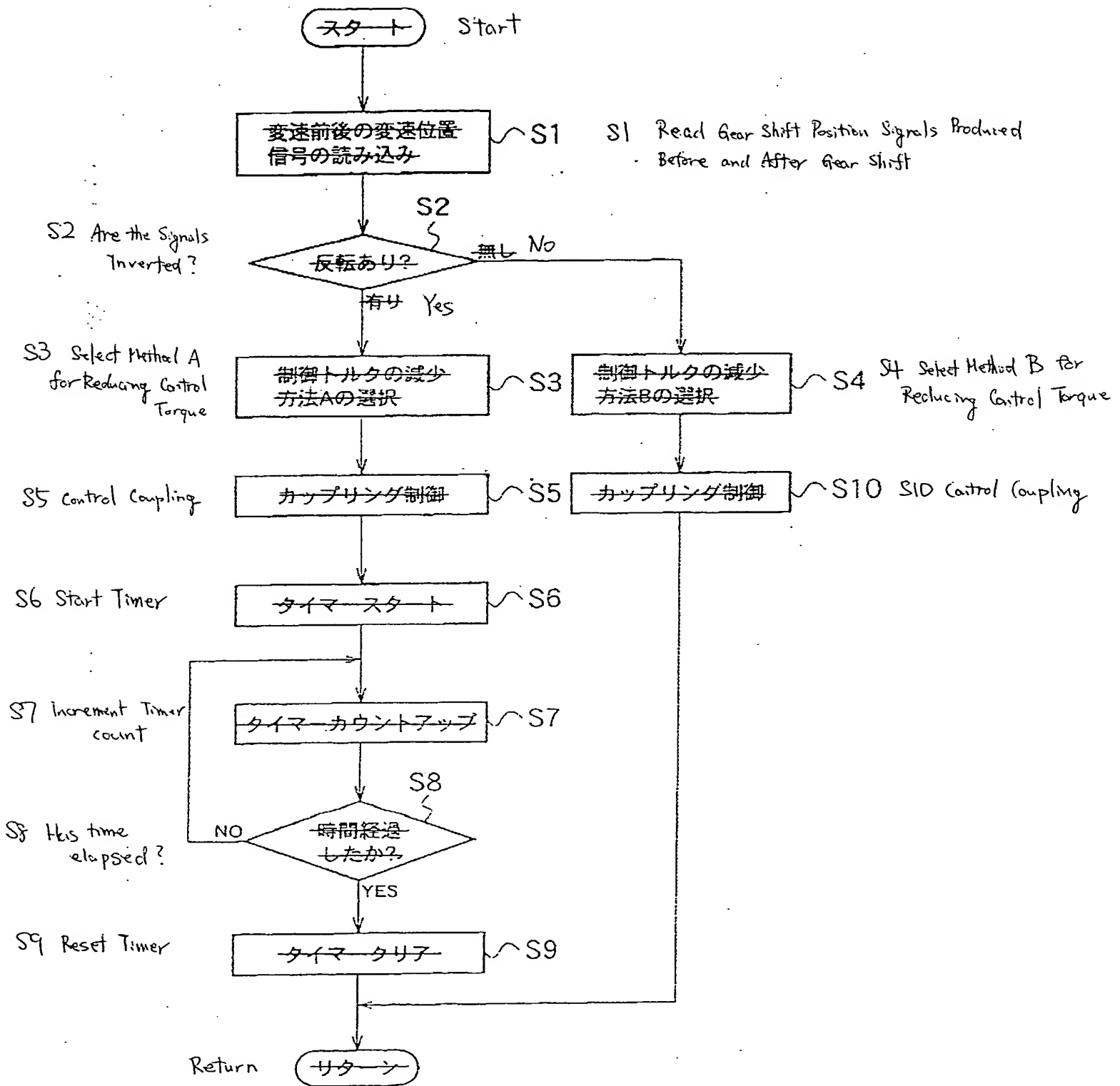


図8 Fig. 8



~~[図9]~~

Signals used for Ascertaining M/T range
~~M/Tレンジ認識に使用する信号~~

Fig. 9A
 (a)

レンジ	Range
N	
R	
1st~X	

Reception of Direction of M/T range

~~M/Tレンジ方向認識~~

Fig. 9B

Range (This Time)	レンジ(今回)	M/Tレンジ方向(今回)	Direction of M/T range (This Time)
	R	1	
	N	保持(前回レンジ方向)	Retained (Direction of Previous Range)
	1st~X	0	

Direction of Previous M/T
 Range XOR Direction of M/T
 Range Obtained This Time

Perception of Inversion of M/T range

~~M/Tレンジ反転認識~~

Fig. 9C

(c)

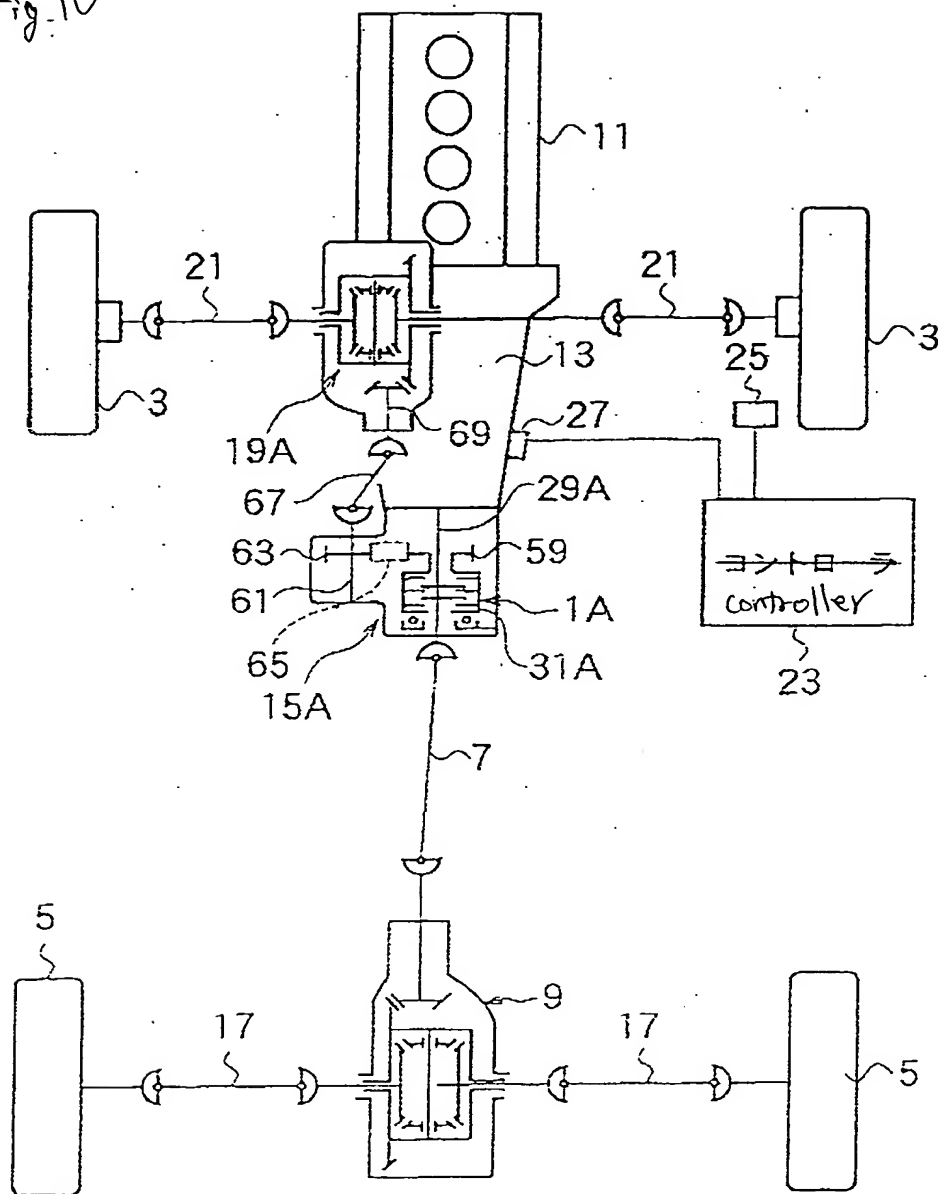
前回M/Tレンジ方向xor今回M/Tレンジ方向	M/Tレンジ反転	Inversion of M/T Range
0	反転無し	Non-Inverted
1	反転有り	Inverted

*xor: 排他的論理和

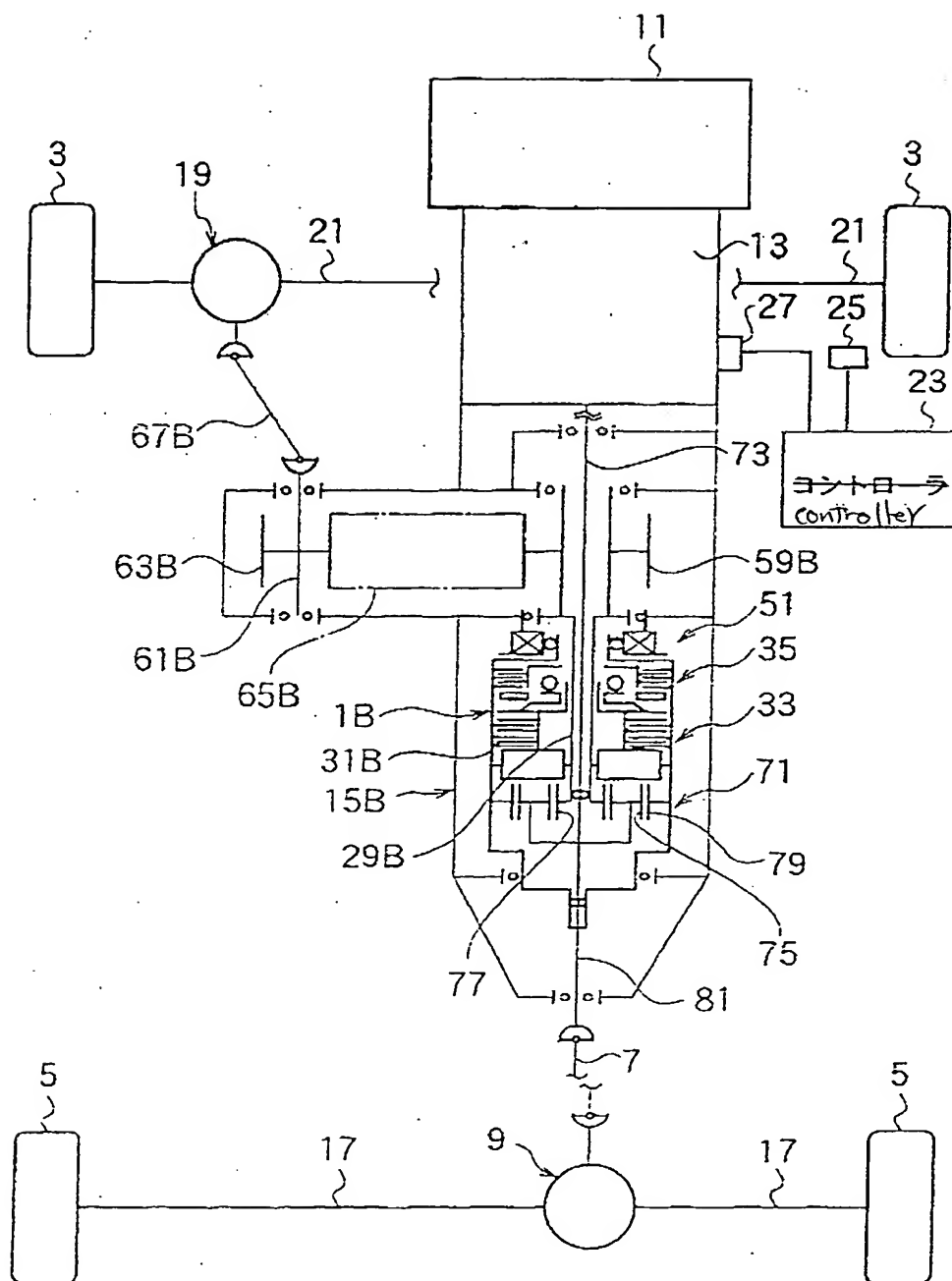
XOR: Exclusive or Result

~~【図10】~~

Fig. 10

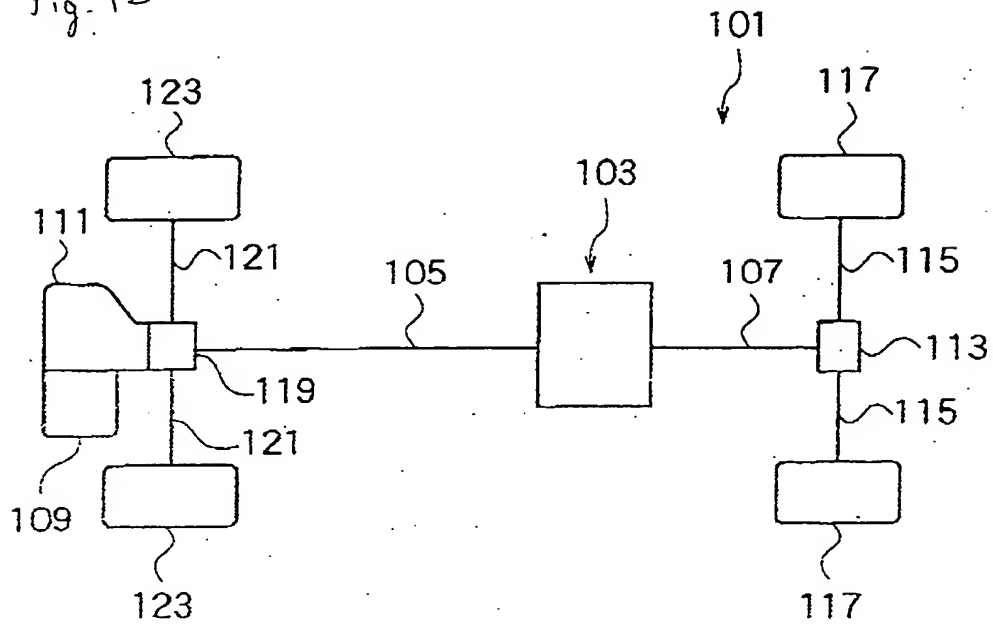


~~Fig. 11~~ Fig. 11

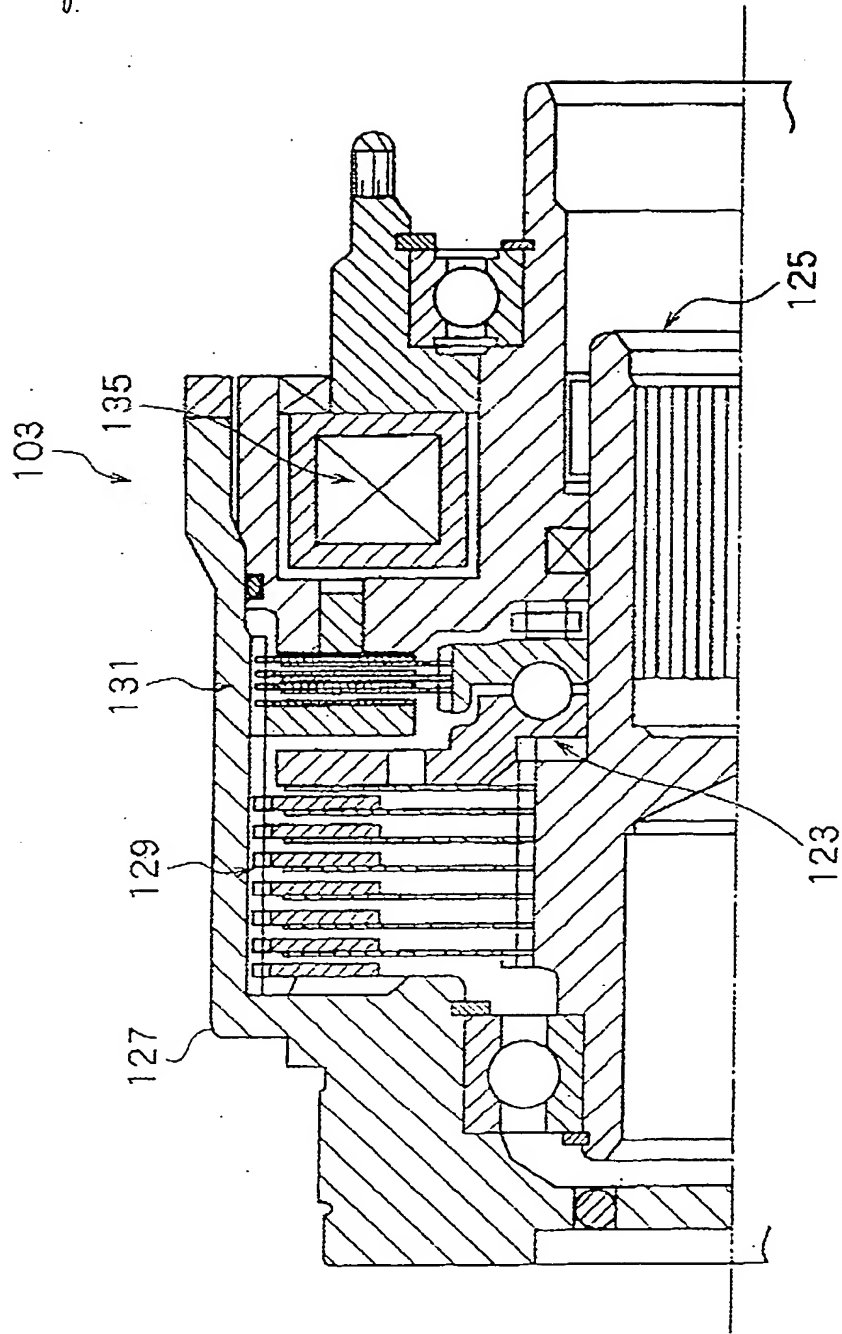


~~{圖 12}~~

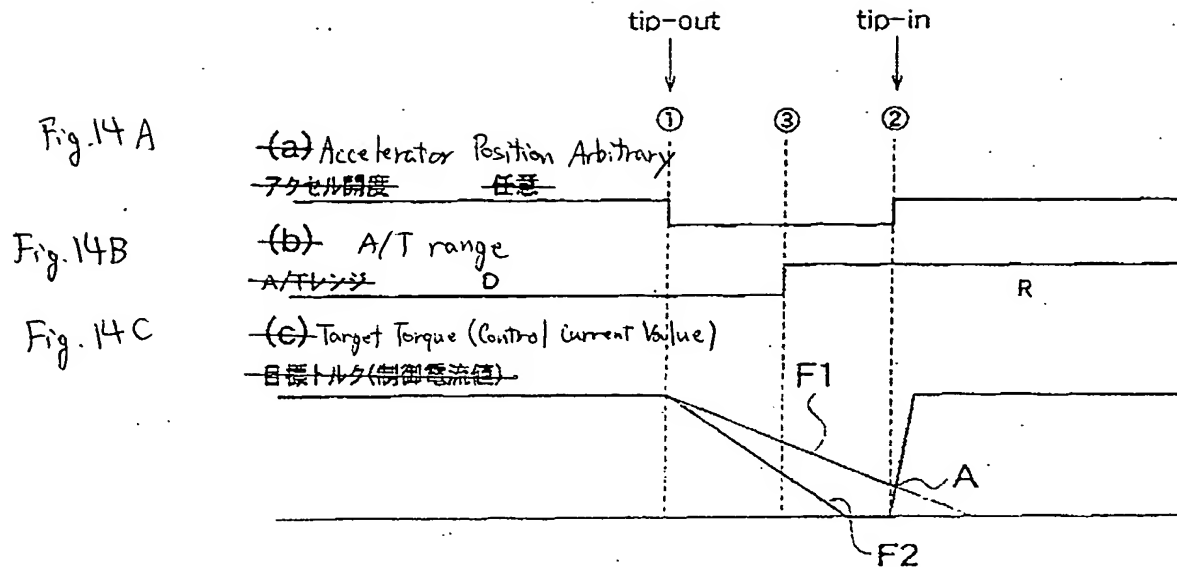
Fig. 12



~~[FIG. 13]~~
Fig. B



【図14】



【図15】

